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GR 3305



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: A.G. Filler et al.

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Title: IMAGE NEUROGRAPHY AND DIFFUSION ANISOTROPY IMAGING

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Please amend the above-identified patent application as follows and reconsider the claim rejections set forth in the February 6, 1995, Office Action (Paper No. 13).

In the Claims:

Please amend Claim 89 as follows:

89 (Twice Amended) A method of utilizing magnetic resonance to determine the shape and position of mammal tissue, said method including the steps of:

(a) exposing an *in vivo* region of a subject to a magnetic polarizing field, the *in vivo* region including non-neural tissue and a nerve, the nerve being a member of the group consisting of peripheral nerves, cranial nerves numbers three through twelve, and autonomic nerves and not being limited to portions of such nerves that are within dura mater or cerebrospinal fluid;

(b) exposing the *in vivo* region to an electromagnetic excitation field;

(c) sensing a resonant response of the *in vivo* region to the polarizing and excitation fields and producing an output indicative of the resonant response;

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